CLAIMS

What is claimed is:

1. A system that facilitates determining a state of a networked system, comprising:

a component that obtains system data corresponding to a plurality of system components; and

an aggregator that analyzes at least a subset of the system data and generates an output corresponding to a state of a subset of the plurality of system components.

- 2. The system of claim 1, additionally comprising a remote access component that provides a user with remote access to the output.
- 3. The system of claim 1, the component comprising a polling component that polls the plurality of system components to obtain the system data.
- 4. The system of claim 1, the aggregator comprising a distributed database engine.
- 5. The system of claim 1, the aggregator-aggregates the system data in accordance with predetermined rules.
- 6. The system of claim 5, the predetermined rules comprising aggregation of data within a single system.
- 7. The system of claim 5, the predetermined rules comprising aggregation of data with a plurality of systems.
- 8. The system of claim 1, at least one of the plurality of system components comprising a system component that sends data to the component unprompted.

- 9. The system of claim 8, the unprompted system component utilizes at least one selected from the group consisting of unicasting, multicasting, and broadcasting techniques to send data to the component.
- 10. The system of claim 1, the system components comprising a plurality of components on at least one server.
- 11. The system of claim 1, the system components comprising at least one selected from the group consisting of a running process, a data source, and a data log.
- 12. The system of claim 1, the output comprising hidden information obtained *via* data mining of aggregated system data.
- 13. The system of claim 12, the hidden information comprising at least one selected from the group consisting of system diagnosis information and system prognosis information.
 - 14. The system of claim 1, the output comprising a user customizable output.
 - 15. The system of claim 1, the output comprising a status report.
- 16. The system of claim 15, the status report relating to at least one selected from the group consisting of system performance data, system health data, and system utilization data.
- 17. The system of claim 1, the output comprising at least one schema table to provide optimal access of data relating to the output.
- 18. The system of claim 1, the output utilized to detect faulty errors in the networked system.

- 19. The system of claim 1, the output utilized to provide automatic system updates in response to the state of the subset of the plurality of system components.
- 20. The system of claim 1, the output comprising at least one system control parameter.
- 21. The system of claim 20, the system control parameter comprising at least one selected from the group consisting of a load shed command and a load balancing command.
- 22. The system of claim 20, the system control parameter comprising a security preservation action to maintain security of at least one networked system.
- 23. The system of claim 20, the system control parameter comprising a remedial action to maintain operation of at least one networked system.
- 24. The system of claim 1, the state comprising at least one selected from the group consisting of a previous state, a current state, and a future state.
- 25. The system of claim 1, the state comprising a health status state of a networked system comprising the plurality of components.
- 26. The system of claim 25, the health status state comprising at least one selected from the group consisting of a previous health status state, a current health status state, and a future health status state.
- 27. The system of claim 1, at least a portion of the system data corresponding to the plurality of system components is generated by at least one selected from the group consisting of a health monitor, a performance monitor, and a utilization monitor.

28. A method for facilitating state determination of a networked system, comprising:

obtaining system data corresponding to a plurality of system components; aggregating, according to predetermined rules, at least a portion of the system data corresponding to at least a subset of the plurality of system components; analyzing at least a portion of the aggregated system data; and generating an output corresponding to a state of the subset of the plurality of system components.

- 29. The method of claim 28, further comprising: sending the output to a selectable recipient at a selectable rate in a selectable manner.
 - 30. The method of claim 28, further comprising: customizing the output according to a set of rules determined by a user.
- 31. The method of claim 28, further comprising: controlling an aspect of the networked system in response to the output corresponding to the state of the subset of the plurality of system components.
- 32. The method of claim 31, the aspect comprising an operational system parameter responsible for maintaining operation of the networked system.
- 33. The method of claim 31, the aspect comprising software updating to automatically maintain proper operation of the networked system.
- 34. A system that facilitates determining a state of a networked system, comprising:

means for obtaining system data corresponding to at least a subset of a plurality of system components; and

means for aggregating at least a portion of the obtained data; and

means for analyzing at least a subset of the portion of the obtained data to generate an output corresponding to a state of the subset of the plurality of system components.

- 35. A system that employs at least one system of claim 1 to provide a remotely accessible state determination service.
- 36. The system of claim 35, the state determination service comprising an aggregation, analysis, and control service for at least one networked system pertaining to at least one system administrator.
- 37. A method that employs the method of claim 28 in a multiple networked system service environment to determine and predict common errors across at least a subset of the multiple systems.
- 38. A data packet transmitted between two or more computer components that facilitates networked system state determination, the data packet comprising, at least in part, information relating to a state of a networked system, the state determined *via* aggregation and analysis of data from at least a subset of system components of the networked system.
- 39. A computer readable medium having stored thereon computer executable components of the system of claim 1.
- 40. A device employing the method of claim 28 comprising at least one selected from the group consisting of a computer, a server, and a handheld electronic device.
- 41. A device employing the system of claim 1 comprising at least one selected from the group consisting of a computer, a server, and a handheld electronic device.